APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Improved Use of Chemical Fertilizers Urged,
by I. I. Sinyagin, 10 pp.
RUSSIAN, PER, Khimiya v Sel'skom Khozyaystve,
Moscow, No 6, 1969.
JPRS 48714

Sci-Agri
Sept 69

390.791

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Mineral Fertilizers Increase Grain Production,
by A. S. Mavolotskiy, 9 pp.
RUSSIAN, per. Khimiya v Sel'skom Khozyaystve.
Moscow, No 2, 1969, pp 2-5.
JPRS 47836

Sci-Agri
May 69 381,341

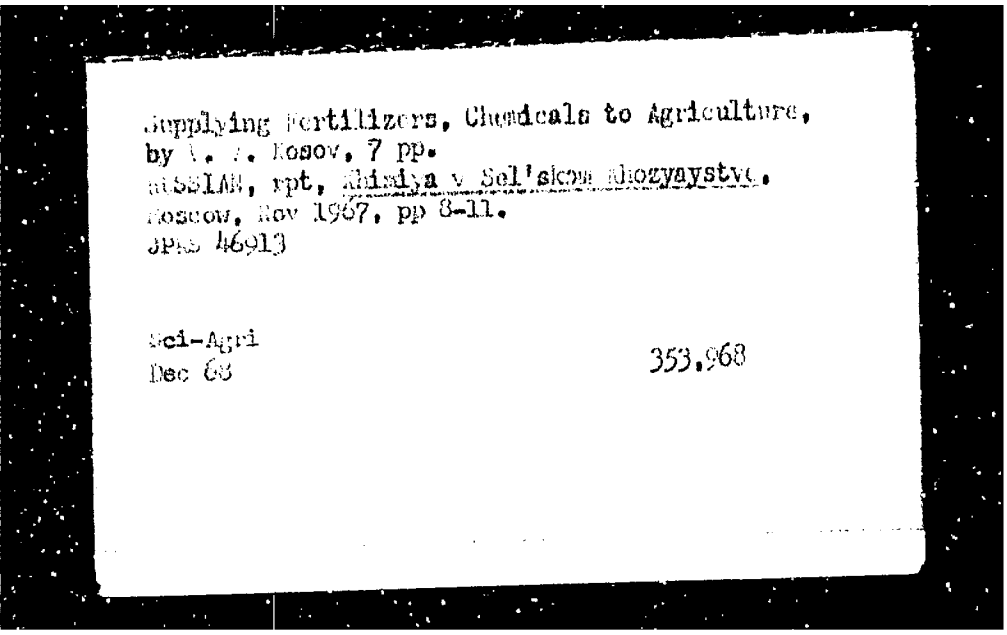
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

SAMOSVAT, L. S. Determination of residual quantities of herbicides in food products by thin-layer chromatography. Khimiya Selskom Khoz. 6(10):49-50 (1968)
(NLL/5828.4F (9006))

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



Supplying Fertilizers, Chemicals to Agriculture,
by V. V. Kosov, 7 pp.
USSR, rpt, Khimiya v Sel'skom Khozyaystve,
Moscow, Nov 1967, pp 8-11.
JPRS 46913

Sci-Agri
Dec 68

353.968

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Effectiveness of Highly Dispersed Insecticidal Aerosols, by S. P. Berdennikova, N. N. Zhirnova, and A. A. Koval'skiy, 7 pp.
RUSSIAN, per. Khimiya v Sel'skom Khozyaystve, Vol 4, No 6, Jun 1966, pp. 14-17.
JPRS 39537

USSR
Sci-B&M
Mar 67

319.371

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

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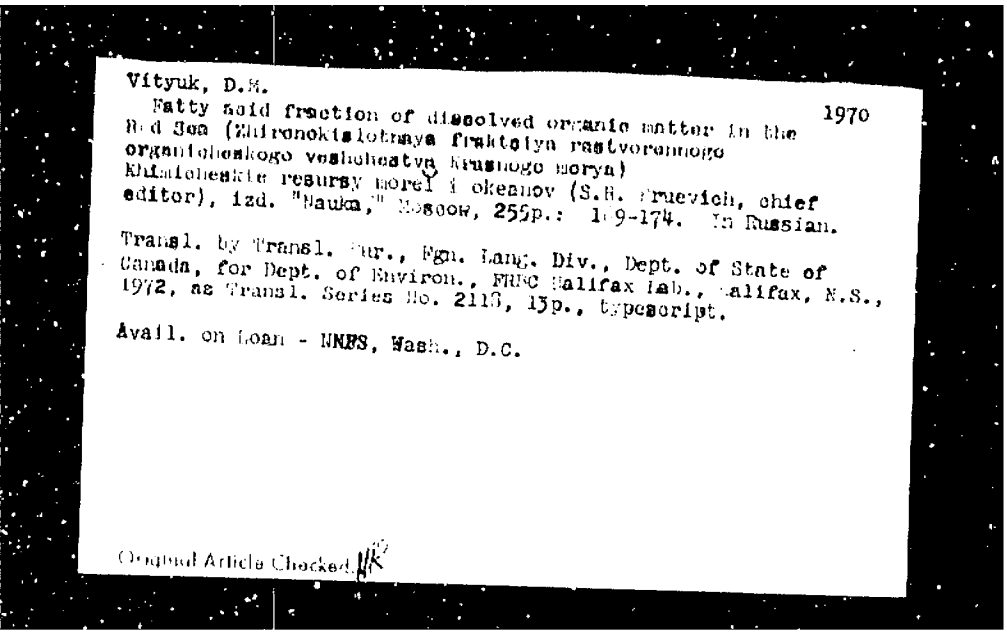

Vityuk, D.M.

Fatty acid fraction of dissolved organic matter in the Red Sea (Zhirnokislotnaya frakt͡siya rastvorennogo organicheskogo veshchestva Krasnogo morya) 1970

Khimicheskie resursy morei i okeanov (S.M. Gruevich, chief editor), izd. "Nauka," Moscow, 255p.: 169-174. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of State of Canada, for Dept. of Environ., FRBC Halifax Lab., Halifax, N.S., 1972, as Transl. Series No. 2113, 15p., typescript.

Avail. on loan - NMFS, Wash., D.C.

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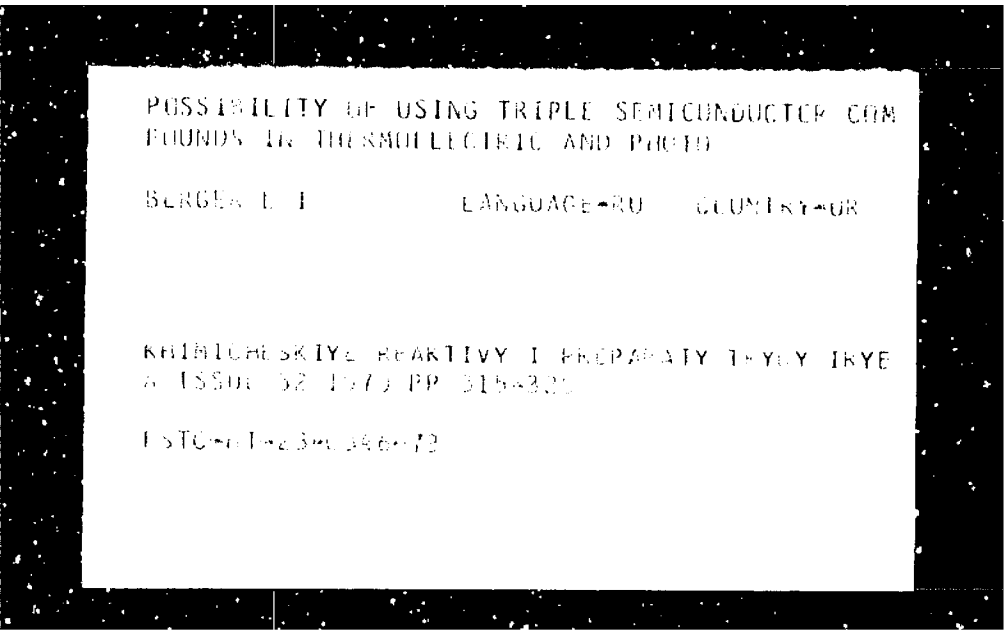

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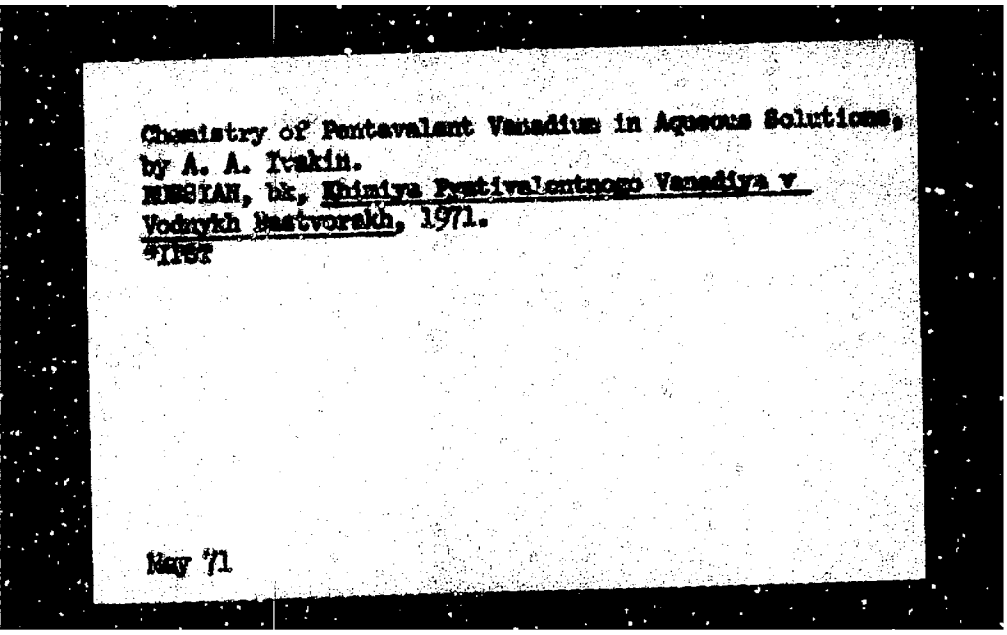

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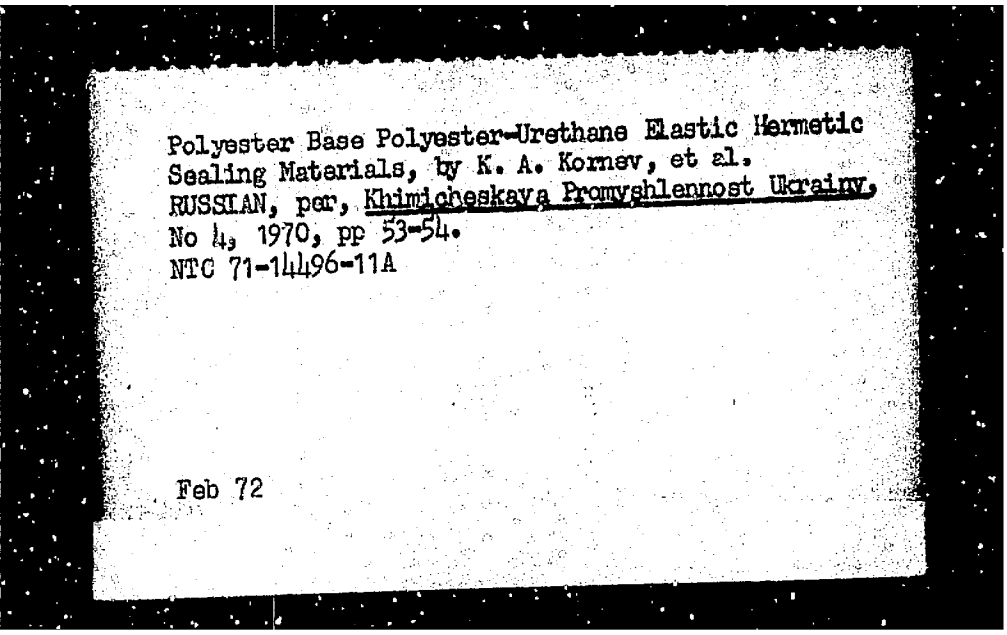


Polyester Base Polyester-Urethane Elastic Hermetic Sealing Materials, by K. A. Kornev, et al.
RUSSIAN, per, Khimicheskaya Promyshlennost Ukrainy, No 4, 1970, pp 53-54.
NTC 71-14496-11A

Feb 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Organésátionn Material for the Production of Thermally Stable Resistors, by N. S. Chernaya. RUSSIAN, per, Khim Prom Ukr, No 1, 1969, pp 53-55. ATS RJ-5370

Sci-Chem
June 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

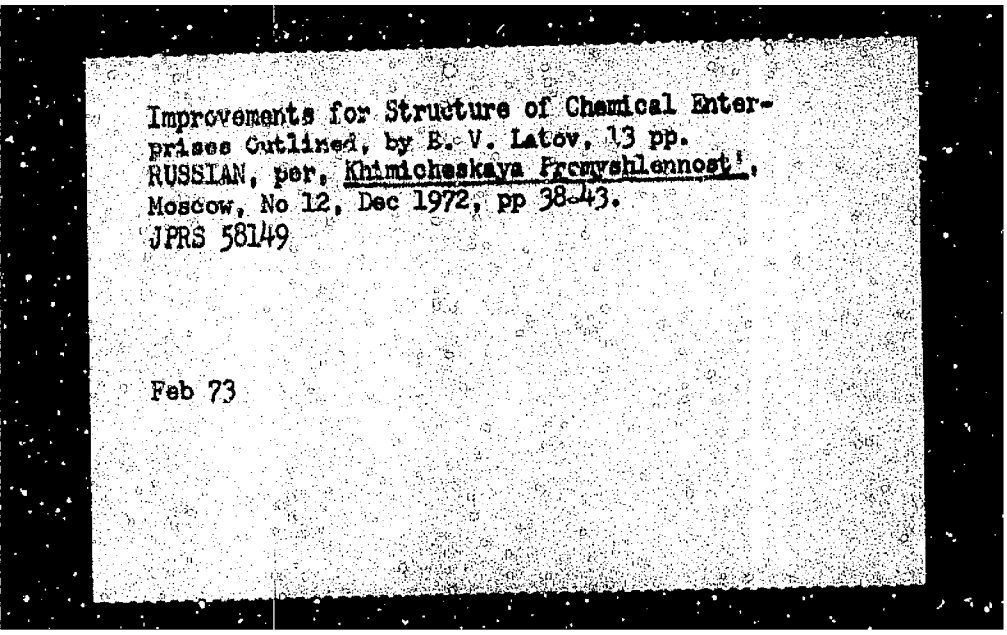
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Progress in Creating Information-Retrieval Systems for Chemical Science and Industry, by V. D. Momtsov, L. F. Mal'chevskaya. UKRAINIAN, per, Khim Prom Ukr, No 4, 1968, pp 57-60.
NTC 69-11389-05B

Sci-Beh & Soc Sci
July 69 386,966

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

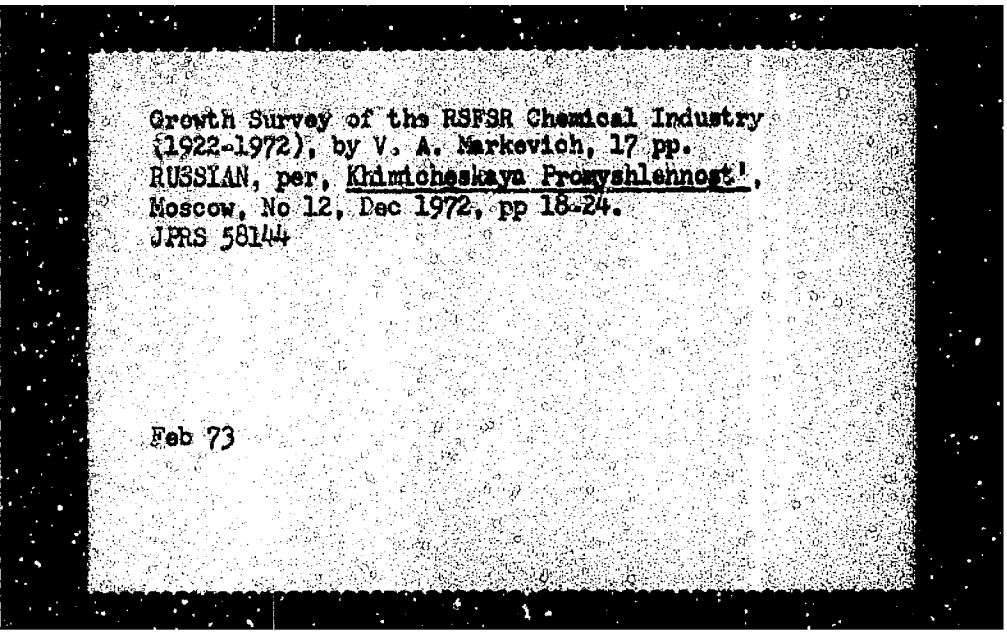


Improvements for Structure of Chemical Enterprises Outlined, by B. V. Latov, 13 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost', Moscow, No 12, Dec 1972, pp 38-43.
JPRS 58149

Feb 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



Growth Survey of the RSFSR Chemical Industry (1922-1972), by V. A. Markovich, 17 pp. RUSSIAN, per, Khimicheskaya Promyshlennost', Moscow, No 12, Dec 1972, pp 18-24. JPRS 58144

Feb 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

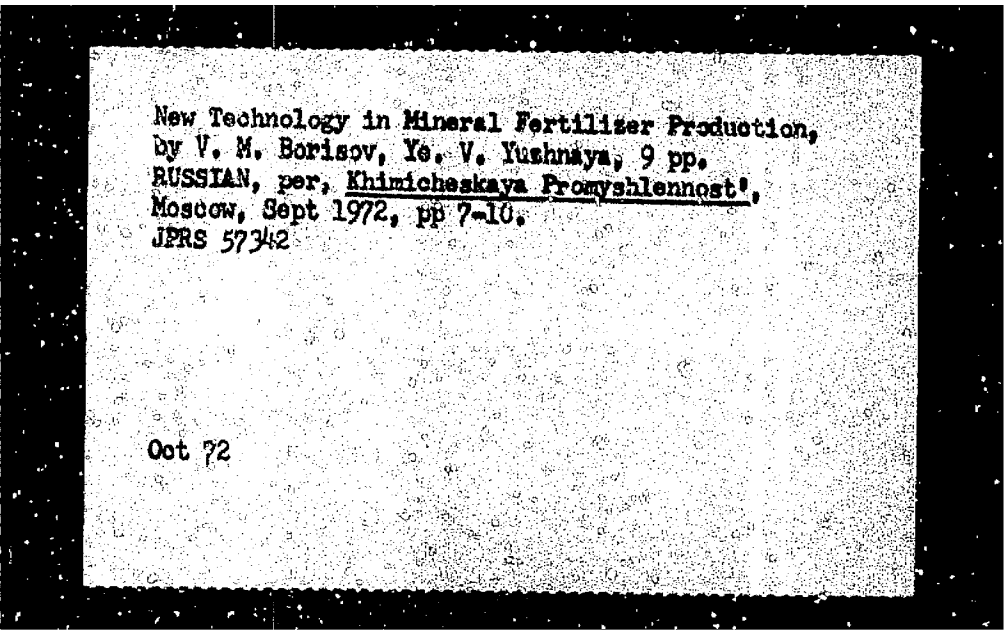
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Chemistry Minister Tells 1922-1972 Achievements,
by L. A. Kostandov, 18 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost',
Moscow, No 12, Dec 1972, pp 3-10.
JPRS 58144

Feb 73

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



New Technology in Mineral Fertilizer Production,
by V. M. Borisov, Ye. V. Yushnaya, 9 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost',
Moscow, Sept 1972, pp 7-10.
JPRS 57342

Oct 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Chemical Industry Enterprises Attain New Level,
by A. M. Kuznetsov, P. M. Sharov, 9 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost',
Moscow, No 9, 1972, pp 3-6.
JPRS 57389

Nov 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Capital Construction Goals in Chemical Industry
Described, by D. S. Tolovich, 12 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost',
Moscow, No 8, Aug 1972, pp 7-11.
JPRS 57104

Oct 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Chemical Industry Involved in Socialist Integration, by A. I. Nedeshev, 12 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost', Moscow, No 7, July 1972, pp 6-10.
JPRS 56906

Aug 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Chemical Industry Enters New Stage, by
L. A. Kostandov, 6 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost',
Moscow, May 1972, pp 3-6.
JPRS 56561

July 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Material Incentives for Labor Productivity Growth in Chemical Industry, by S. Z. Fogostin, 7 pp. RUSSIAN, per, Khimicheskaya Promyshlennost', Moscow, No 4, 1972, pp 62-65.
JPRS 56108

June72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Achievements of Vinnitsa Chemical Combine Discussed, by I. P. Khudoley, 6 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost', Moscow, No 4, Apr 1972, pp 3, 4.
JPRS 56186

June 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Applications and Extensions of Shchenkino Experiment, by V. B. Latov, 14 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost', Moscow, No 3, Mar 1972, pp 3-8.
JPRS 55812

May 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Chemical Industry's Material Incentive System Needs Changes, by I. S. Il'ichev, Zh. N. Bida, 7 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost', Moscow, No 1, Jan 1972, pp 69-72.
JPRS 55318

Mar 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

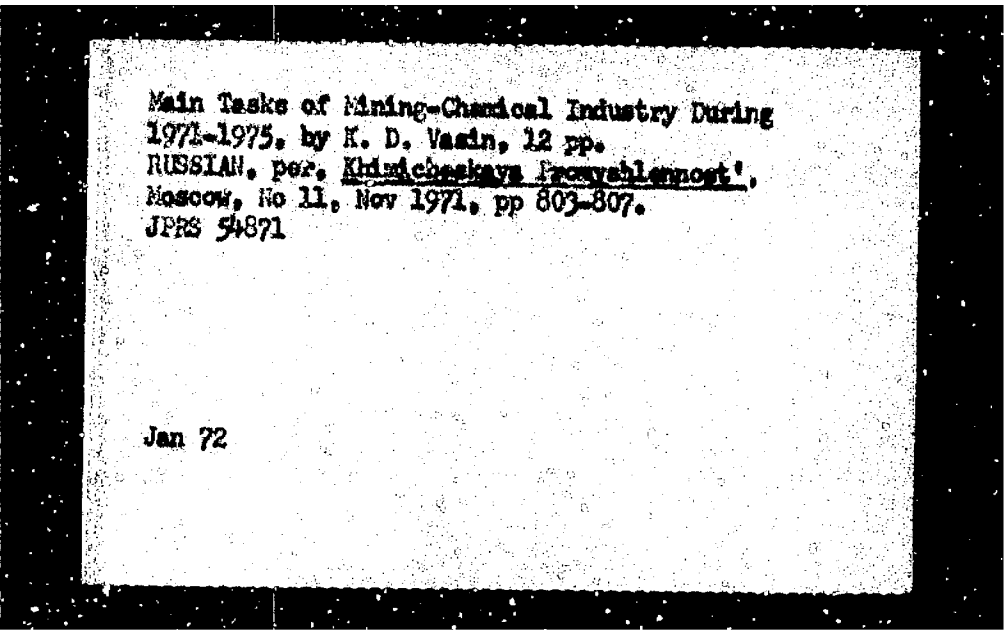
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Report on Success of Socialist Competition at Chemical Combine, by B. V. Drachev, 7 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost',
Moscow, No 12, Dec 1971, pp 48-49.
JPRS 55056

Feb 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

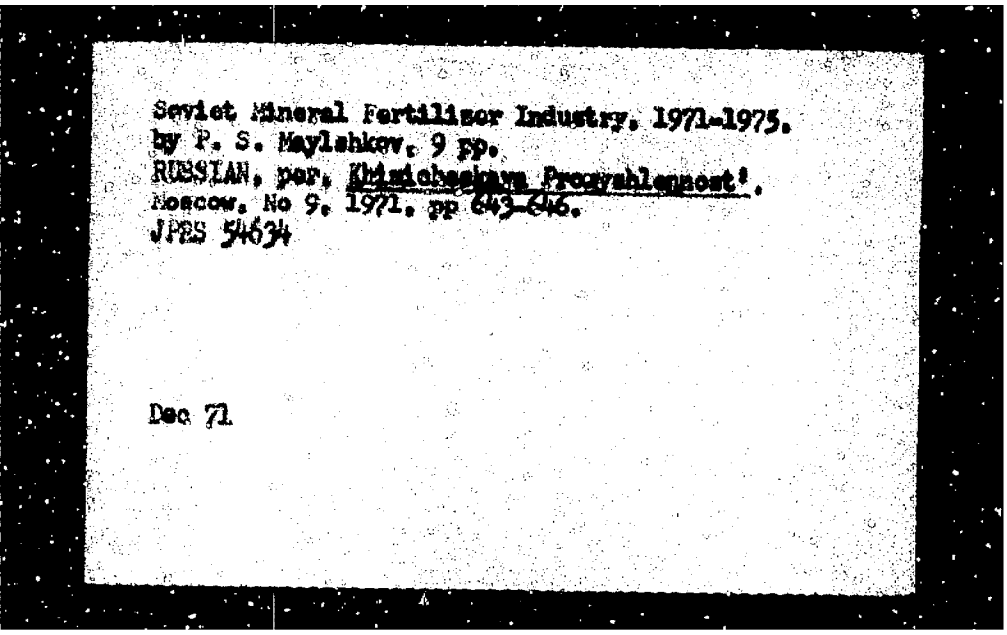


Main Tasks of Mining-Chemical Industry During 1971-1975, by K. D. Vasin, 12 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost',
Moscow, No 11, Nov 1971, pp 803-807.
JPRS 54871

Jan 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

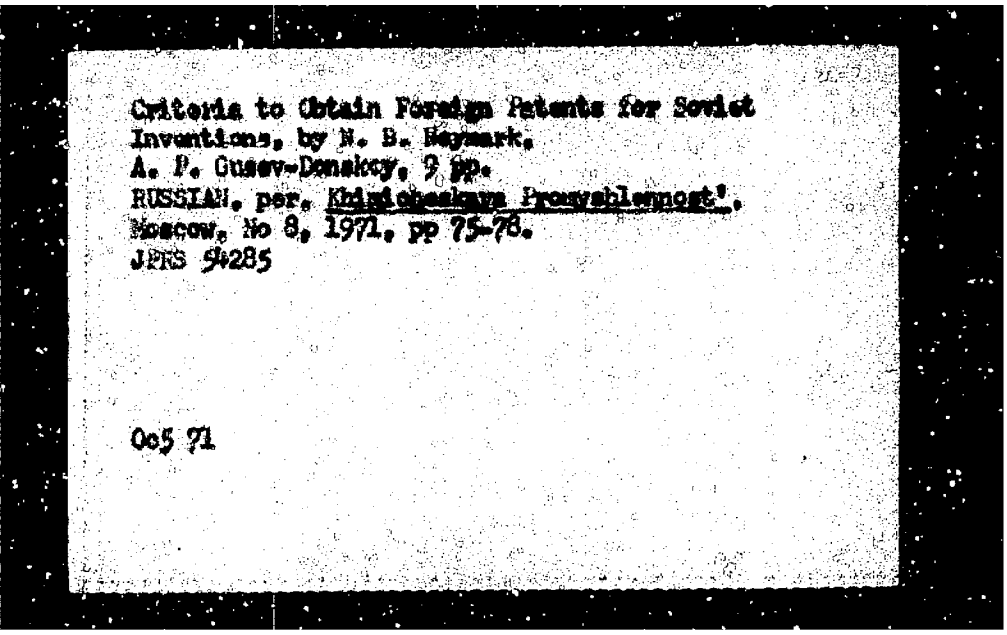


Soviet Mineral Fertilizer Industry, 1971-1975.
by P. S. Maylshkov, 9 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost'.
Moscow, No 9, 1971, pp 643-646.
JPRS 54634

Dec 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

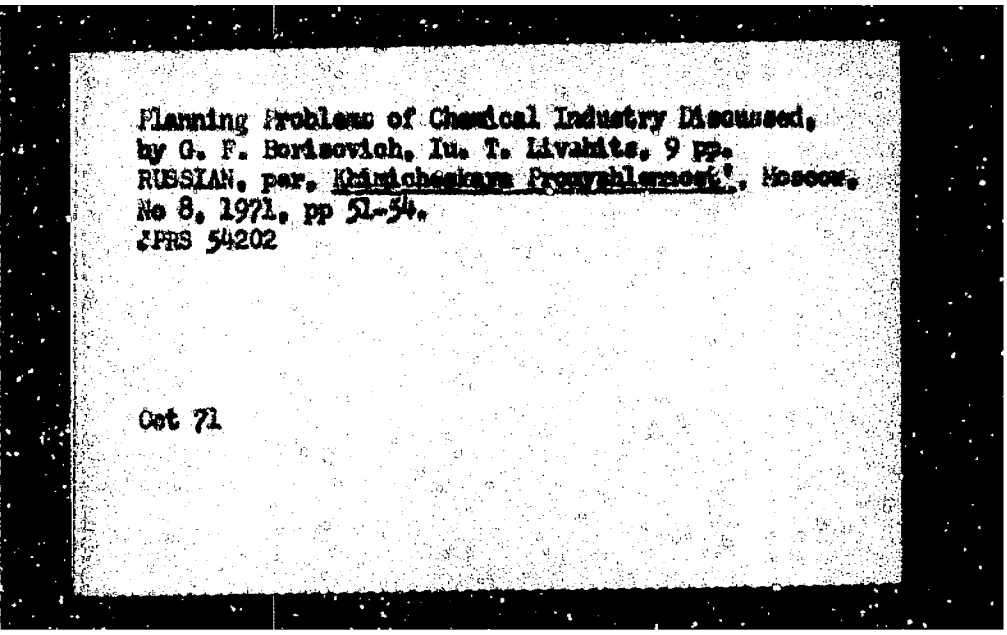


Criteria to Obtain Foreign Patents for Soviet Inventions, by N. B. Maymark, A. P. Gusev-Donskoy, 9 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost', Moscow, No 8, 1971, pp 75-78.
JPRS 54285

005 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

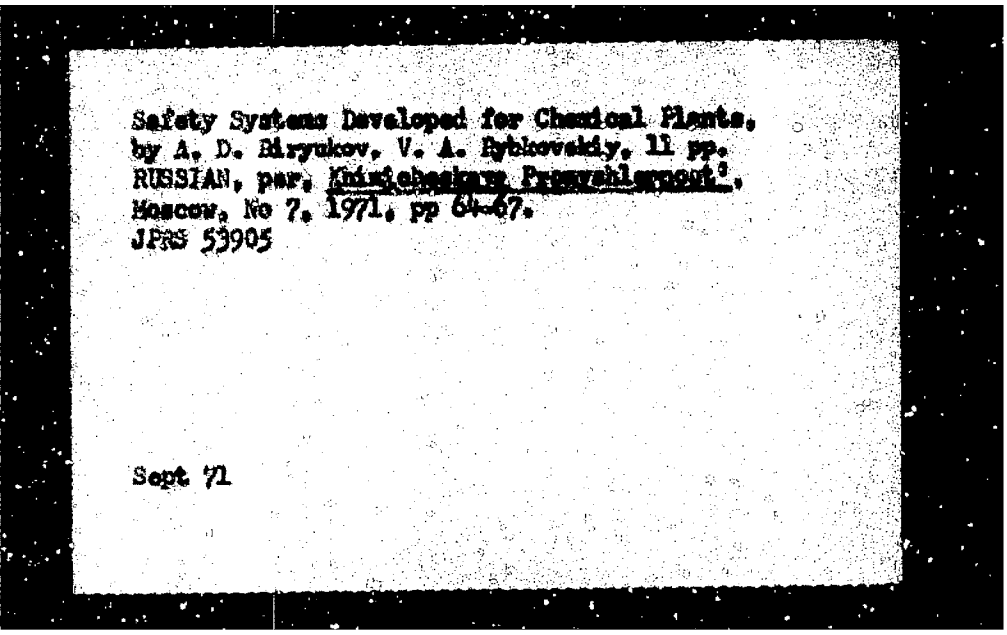


Planning Problems of Chemical Industry Discussed,
by G. F. Borisovich, Iu. T. Livshits, 9 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost', Moscow,
No 8, 1971, pp 52-54.
JPRS 54202

Oct 71

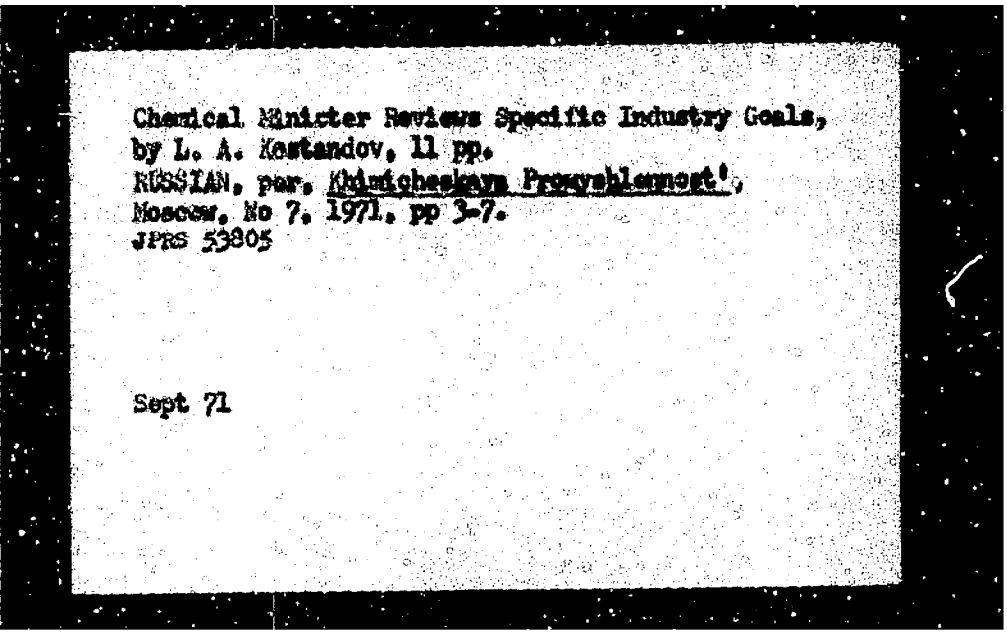
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0


Safety Systems Developed for Chemical Plants,
by A. D. Biryukov, V. A. Bykhovskiy, 11 pp.
RUSSIAN, par. Khimicheskaya Promyshlennost',
Moscow, No 7, 1971, pp 64-67.
JPRS 53905
Sept 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



Chemical Minister Reviews Specific Industry Goals,
by L. A. Kostandov, 11 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost',
Moscow, No 7, 1971, pp 3-7.
JPRS 53805

Sept 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Trends in Research on Chemistry Economics, by
G. F. Borisovich, M. G. Vasil'yev, 14 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost',
Moscow, No 5, 1971, pp 53-60.
JPRS 53511

JULY 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

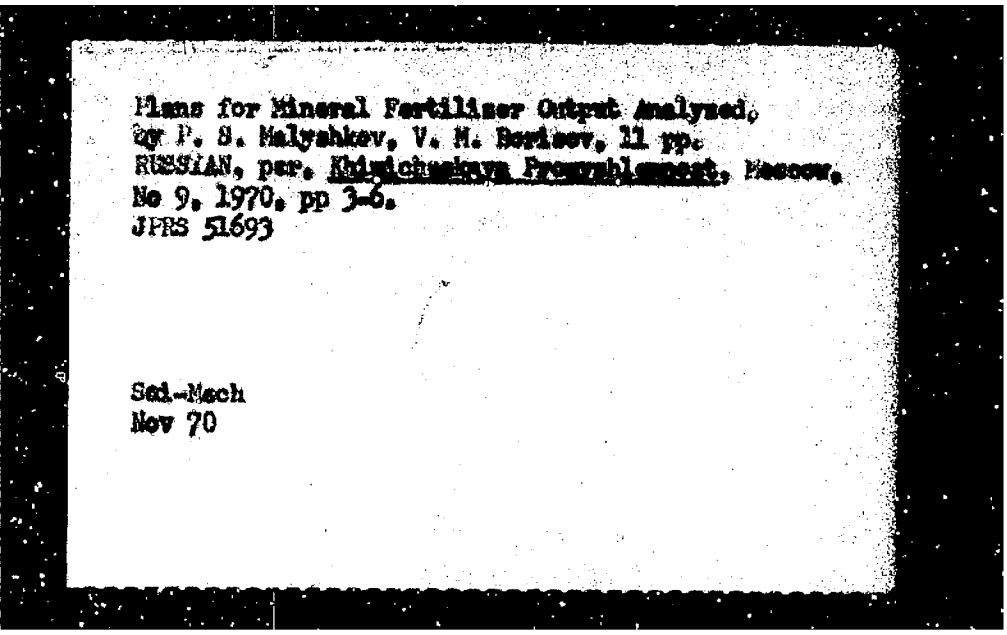
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Removing Hydrogen Fluoride From Gases in Scrubbers With Fluidized Spherical Packing, by N. I. Gelperin.
RUSSIAN, per, Khimicheskaya Promyshlennost, No 10, 1970, pp 782-784.
NTC 72-10341-07A

Apr 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



Plans for Mineral Fertilizer Output Analyzed,
by P. S. Malyshkev, V. M. Borisov, 11 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost', Moscow,
No 9, 1970, pp 3-6.
JPRS 51693

Sci.-Mech
Nov 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Profitability and Quality in Fertilizer Production,
by I. L. Doberval'skaya, 5 pp.
RUSSIAN, pub. Khimicheskaya Promyshlennost', Moscow,
No 8, 1970, pp 44-45.
JPRS 51575

USSR
Econ
Oct 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

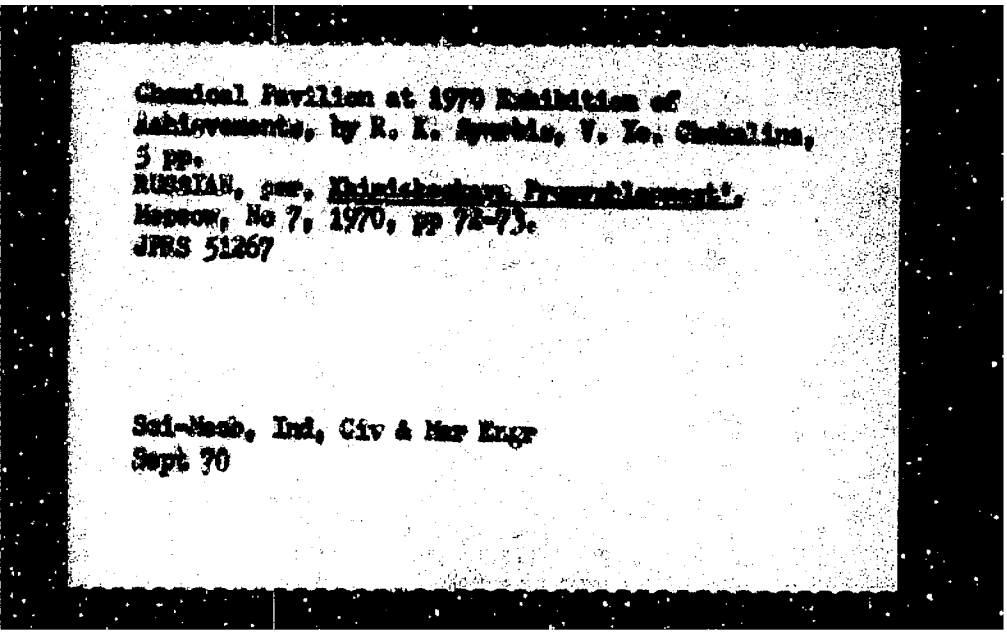
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Method for the Preparation of Thioalkophen BP=2,2' Thio-Bis-(4Methyl-6-Tert-Butyphenol), by A. A. Grinberg.
RUSSIAN, per, Khimicheskaya Promyshlennost, Vol 46, No 7, 1970, pp 499-501.
NTC-71-11519-07C

Feb 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



Chemical Pavilion at 1970 Exhibition of Achievements, by R. K. Ayushin, V. Ye. Chekalina, 5 pp.
RUSSIAN, pam. Khimicheskaya Promyshlennost', Moscow, No 7, 1970, pp 72-73.
JPRS 51267

Sci-Mech, Ind, Civ & Mar Engr
Sept 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Assessing Economic Effectiveness of Research Organizations, by K. G. Fadeyev, 6 pp.
RUSSIAN, pmr, Khimicheskaya Promyshlennost' Ukrainy, Kiev, No 5, 1970, pp 51-53.
JPRS 52442

USSR/Econ
Mar 71

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Chemical Industry Production Appraised, by
L. A. Kostandov. 14 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost',
No 4, 1970, pp 3-11
JPRS 50739

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Purification of Industrial Waste Waters Waters With High-Energy Radiation, by L. M. Makarochkina, A. K. Mikhailova, 13 pp.
RUSSIAN, per, Khim Prom, Vol 45, No 12, 1969, pp 905-909.
AEC/ORNL-Tr-2389-70

Sci/Chem
Nov 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Civil Defense Measures Stressed in Chemical Industry, by O. N. Tashin, 8 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost', Moscow, No 12, 1969, pp 5-9.
JPRS 49915

Sci-Mech
Mar 70

403,513

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Soviet Production of Chemical Fertilizers Outlined, by V. M. Morisov, Ye. V. Yuzhnaya, 11 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost, Moscow, No 10, 1969, pp 20-24.
JPRS 49434

Sci-Agri
Dec 69

396,635

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Main Trends in Technical Progress in Consumer Chemical Production, by M. A. Grinberg, A. G. Voytekhov, 7 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost', Moscow, No 8, 1969, pp 6-8.
JPRS 49020

Sci-Mech
Oct 69

393.567

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Production of Consumer Chemicals to be Rapidly Developed, by K. K. Chednichenko, 7 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost', Moscow, No 8, 1969, pp 3-5.
JPRS 49020

Sci-Mech
Oct 69

393,566

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Forms of Organization of Chemical Production,
by G. F. Borisovich, A. S. Bayn, 14 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost',
Moscow, No 7, 1969, pp 3-8.
JPRS 48937

Sci-Chem
Oct 69

392,644

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

AIS

RJ-5697 PRODUCTION OF ALCOHOLS FROM INTERMEDIATES OF THE PRODUCTION OF SYNTHETIC FATTY ACIDS, A. I. Il'ina et al., Khim. Prom. 45, No. 5, 335-7 (1969). Yield & compn. of alcohols formed in oxidation of fatty acids of liq. paraffin are detd.
1700 W; 2 T; 10 R $ 7.75 ($1.55)

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Nomograph for the Determination of the Pressure of Saturated Vapors, Density and Viscosity of Concentrated Fuming Nitric Acid, by M. M. Karavayev, 5 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost, Vol 45, No 4, 1969, pp 286-288.
FTD-MT-24-1582-71

Aug 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Price Revision for Chemical Products Discussed,
by B. Z. Yurovskiy, 10 pp.
RUSSIAN, por. Khimicheskaya Promyshlennost',
Moscow, No 4, Apr 1969, pp 53-57.
JPRS 48195

USSR
Econ
Jul 69

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Progress Reported in Chemical Industry Plan,
by L. A. Kostandov, 10 pp.
RUSSIAN, per. Khimicheskaya Promyshlennost',
Moscow, Apr 1969, pp 2-6.
JPRS 48195

Sci-Mech, Ind, Civ & Mar Engr
Jul 69

384,841

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

The Production of Diphenic Acid by the Oxidation of Phenanthrene With Peracetic Acid, by N. D. Rusyanova.
RUSSIAN, per, Khimicheskaya Promyshlennost, Vol 45, No 3, 1969, pp 168-170.
NTC 72-10706-07A

Apr 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Kinetics of Accumulation of Products in Liquid-Phase Oxidation of Parafins, by M. N. Manakov.
RUSSIAN, per. Khm Prom, Vol 45, No 1, 1969, pp 6-7.
ATS RJ-5374

Sci-Chem
June 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Agricultural Productivity Requires Chemization,
by V. M. Gushuyev, 15 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost,
Moscow, Dec 1968, pp 2-7.
JPRS 47,421

Sci-Agri
Feb 69

375,783

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Studies on a Process for Removing Nitrogen Compounds from Methanol, by M. M. Karavov, K. P. Petrishchev.
RUSSIAN, per, Khim Prom, Vol 44, No 11, 1968, pp 840-841.
NLL Ref: 5828.4F (N 13336)

Sci/Chem
Dec 69

397,225

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Catalytic Pyrolysis of Cyclohexane and Methylcyclohexane Into Butadiene, by Ya. M. Paushkin.
RUSSIAN, per, Khimicheskaya Promyshlennost, Vol 44, No 11, 1968, pp 811-813.
NTC-71-11524-07c
ATS-RJ 584y

Feb 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Porosity of a Catalyst Bed, by
Ye. V. Badatov.
RUSSIAN, per, Khim Prom, No 10, 1968.
International Chemical Engineering
Vol 9, NO 2, Apr 1969
Available from Am Inst of Chem Engrs

June 69

383,476

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Production of Elemental Sulfure by Reduction of Sulfur Dioxide with Natural Gas, by T. D. Averbukh.
RUSSIAN, per, Khim Prom, No10, 1968.
International Chemical Engineering
Vol 9, No 2, Apr 1969
Available from Am Inst of Chem Engrs

June 69

383,483

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Calculation of a Tubular Reactor for Conducting Reactions with a Prescribed Temperature Distribution, by L. A. Smirnov.
RUSSIAN, per, Khim Prom, No 10, 1968.
International Chemical Engineering
Vol 9, No 2, Apr 1969
Available from Am Inst of Chem Engrs

June 69

383,458

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Investigation of the Structure of a Nonuniform Fluidized Bed, by V. A. Basov,
RUSSIAN, per, Khim Prom, No 8, 1968.
International Chemical Engineering
Vol 9, No 2, Apr 1969
Available from Am Inst of Chem Engrs

Jneu 69

383,469

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Solids Losses in Fluidized Bed Apparatus, by
A. P. Baskakov and I. V. Gubin.
RUSSIAN, per, Khimicheskaya Promyshlennost, Vol 44,
No 7, 1968, pp 534-536.
NTC 71-13672-07A

Feb 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Some Civil Defense Problems of Chemical Enterprises, O. N. Pashin, 12 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost', Moscow, No 7, Jul 1968, pp 9-15.
JPRS 48842

USSR
Mil
Sept 69

392,405

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Modelling of Catalytic Processes in a Fluidized Bed on the Basis of Experiments with Tracers, by A. A. Oigenblik. RUSSIAN, per, Khim Prom, No 7, 1968. International Chemical Engineering Available from Am Inst of Chem Engrs

June 69

383,451

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Calculation of the Minimum Height of the Space Above the Bed in Fluidized-bed Contact Equipment, by V. Ye. Soroko.
RUSSIAN, per, Khim Prom, No 7, 1968.
International Chemical Engineering
Vol 9, NO 2, Apr 1969
Available from Am INst of Chem Engrs

June 69

383,474

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

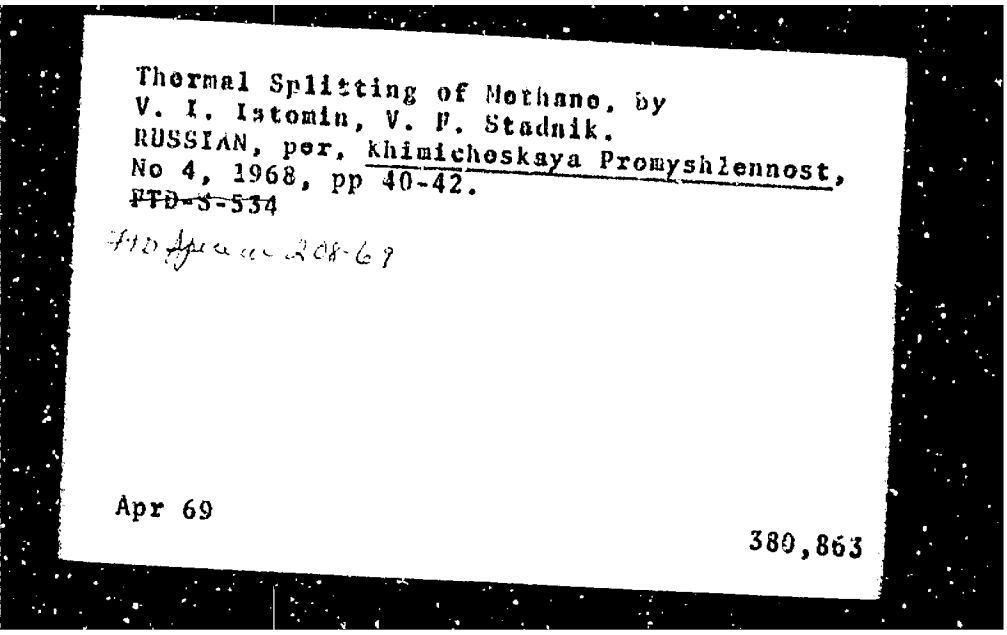
V. N. Aleksandrov

Oxidation of m-Xylene With Atmospheric Oxygen in an Acetic Acid Medium.
RUSSIAN, per, Khimicheskaya Promyshlennost,
No 4, 1968, pp 268-269
NTC 72-12501-07C

sept 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



Thermal Splitting of Methane, by
V. I. Istomin, V. F. Stadnik.
RUSSIAN, per. Khimicheskaya Promyshlennost,
No 4, 1968, pp 40-42.
~~FTD-S-534~~

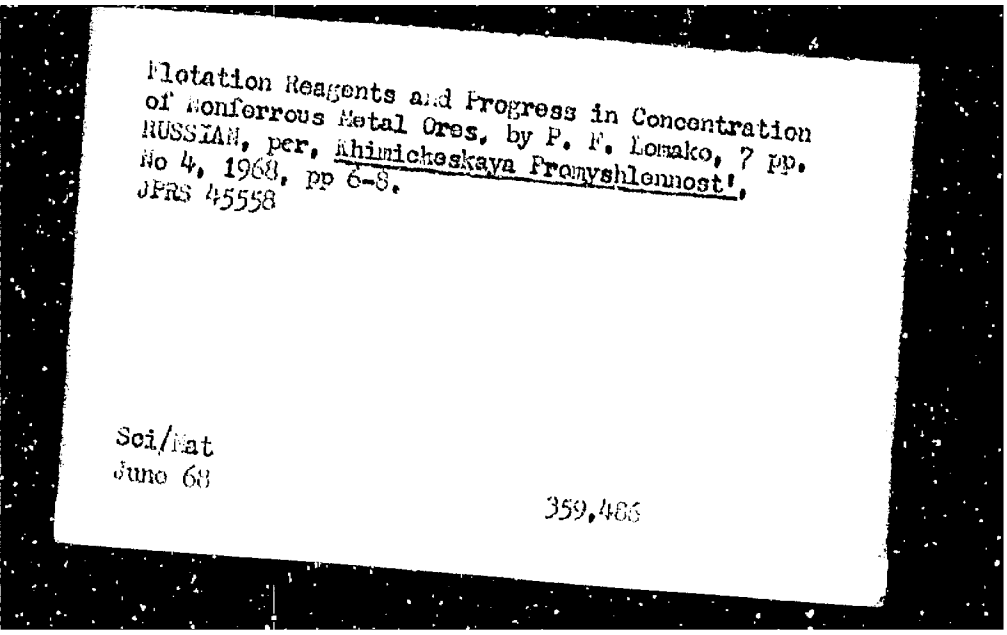
FTD-Trans-208-69

Apr 69

389,863

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



Flotation Reagents and Progress in Concentration of Nonferrous Metal Ores, by P. F. Lomako, 7 pp. RUSSIAN, per, Khimicheskaya Promyshlennost', No 4, 1968, pp 6-8. JPRS 45558

Sci/Mat
June 68

359,483

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Mismanagement in Chemical Industry Criticized,
by L. A. Kostandov, 11 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost,
Apr 1968, pp 1-5.
JPRS 45552

USSR
Econ
June 68

359.477

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

The Effect of Heat and Mass Transfer Processes On the Reaction Rate in Ethylene Oxidation, by M. G. Slin'ko.
RUSSIAN, per, Khim Prom, No 3, 1968, pp 138-146.
ATS RJ-5417

Sci-Phys
June 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Investigation for the Purpose of Automating the Extractive Distillation of a Butane-Butane Fraction, by A. A. Matveev, A. A. Syromyatnikov.
RUSSIAN, per. Khim Prom. Vol 44, No 2, 1968, pp 120-123.
ATS IW-4967
LUFT-175

Sci-Phys

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Development of the Technology of Preparation of a Catalyst for the Oxidative Ammonolysis of Propylene, by I. K. Kolchin.
RUSSIAN, per, Khmicheskaya Promyshlennost, Vol 44, No 2, 1968, pp 81-84.
NTC 72-10818-07A

Apr 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Radiation Polymerization of Oligoethylene Glycol Maleate Adipate with Various Monomers,
S. I. Omel'chenko, N. G. Videnina.
RUSSIAN, per, Khim Prom, No 2, 1968.
ARM/FSTC/HT-23-380-69

Sci-Chem
Nov 69

395,655

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Thermophysical Properties of a Silicon Organic PSB Heat Carrier, by K. A. Andryanov, V. A. Ovchinnikov. RUSSIAN, por, Khim Prom, No 1, 1968, pp 28-29.
~~FTD-6-535~~
FTD Special 209-69

Apr 69 380,864

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Efficient Water Balance in the Separation of C_5 Hydrocarbons by Extractive Distillation with Acetonitrile, by S. Yu. Pavlov, S. P. Pavlova. RUSSIAN, per, Khimicheskaya Promyshlennost, Vol 44, No 1, 1968, pp 21-23.
NTC 69-11248-07A

Sci/Chem
July 69

386, 616

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Scientific Labor Organization in Chemical Industry, by K.K. Cherednichenko, 12 pp.
RUSSIAN, perd Khimicheskaya Promyshlennost', Russian, Moscow, Jan 68, pp. 1-5.
JPRS 44,762

USSR
Economic
March 68 352,890

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Synthesis of 1,3-butanediol from Propylene and Formaldehyde, by M. I. Farberov. RUSSIAN, per, Khim Prom, No 1, 1968. International Chemial Engineering Vol 9, No 2, Apr 1969 Available from Am Inst of Chem Engrs

June 69

383,457

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Sodium Metavanadate as a Corrosion Inhibitor in Monethanolamine Solutions,
by Yu. I. Perin, R. A. Valiyeva.
RUSSIAN, per, Khimicheskaya Promyshlennost,
No 12, 1967, pp 930-931.
AIR/FTD/NT-23-921-68

Sci-Chem
Apr 69

380,526

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Mathematical Model for the Initiated Dehydrochlorination of Dichloroethane. 17 p
by Lerner, A.S.
RUSSIAN, per, Khimicheskaya Promyshlennost,
Vol 43, No 12, 1967,
pp 924-9.
FTC-69-34236
TC-68223
NTC 70-13461-07A

Mar 70

404,663

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

REQ TR CHECK 06-02-73 T138

FILTERS WITH PF FILTERING MATERIAL FOR FINE GAS SCRUBBING
BASMANOV, P.I.; BUROVOY, R.A.
UR: KHIMICHESKAYA PROMYSHLENNOST', 1967, NO. 12, pp. 911-912

Process in ca

HS73-23-D103

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Study of Oxidative Ptrolysis of Natural Gas to Acetylene, by V. I. Istomin.
RUSSIAN, per, Khim Prom, Vol 43, No 12, 1967, pp 904-907.
ATS RJ-5139

Sci-Chem
July 69

385,511

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Equipping the Chemical Industry, by S.A. Al'perovich, 14 pp.
RUSSIAN, journal, Khimicheskaya Promyshlennost', No. 12, Moscow, 1967, pp. 1-6.
JPRS 44,635

USSR
Sci-Chem
March 68

352,615

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

The Development of the Production of Pesticides in the Soviet Union, by N.N. Mel'nikov, 8 pp.
RUSSIAN, journal, Khimicheskaya Promyshlennost', Moscow, No. 11, 1967, pp. 870-872.
JPRS 44,340

Sci-Chemistry
Feb 68 350,258

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Contribution of Nitrogen Industry to National Economy, by K.K.Kil'shtedt and M.I. Ryaboy, 12 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost, No. 11, Moscow 67, pp. 23-28.
JPRS 44,110

USSR
Economic
Jan 68 348,022

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Efficiency of Steam Cleaning in Evaporator Apparatus with Louvre Traps, by M. F. Alen'kin, S. I. Golub.
RUSSIAN, per, Khim Prom, No 10, 1967, pp 782-785.
CEGB/C.E. Trans 4920

Sci-Mech
Sept 69

392,846

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Equilibrium of the Methanol Synthesis Reaction at High Pressures, by Ya. S. Kazarnovskii. RUSSIAN, per, Khim Prom, Vol 43, No 9, 1967, pp 679-682.
ATS RJ-4995

Sci-Phys
Feb 69 373,806

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Automation of a Unit for the Decomposition of Isopropylbenzene Hydroperoxide Into Phenol and Acetone, by V. A. Lopatin.
RUSSIAN, per, Khimicheskaya Promyshlennost, Vol 43, No 9, 1967, pp 671-673.
NTC-71-15008-07A

Feb 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Alkylation of Benzene with Olefins on Acid-type Solid Catalysts, by A. A. Bakhshi-Zade, by RUSSIAN, per, Khim Prom, Vol 43, No 9, 1967, pp 661-666.
ATS RJ-5385

Sci-Chem
June 70

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Optimum Porous Structure of Catalysts, by
M. G. Slin'ko.
RUSSIAN, por, Khim Prom, Vol 43, No 9,
1967, pp 641-646.
ATS RJ-5008

Sci-Phys
Feb 69 373.815

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Engineering-Technological Service
"Orgkhim", by B. I. Tolchin.
RUSSIAN, por, Khimicheskaya Promyshlennost,
No 8, 1967, pp 561-563.
NTC 72-10458-07A

Apr 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Overall Mass Transfer Coefficient for Systems with a Solid Phase, by V. E. Bomshtein. RUSSIAN, per, Khim Prom, Vol 43, No 7, 1967, pp 541-542.
ATS RJ-4968

Sci-Phys
Feb 69

373,784

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

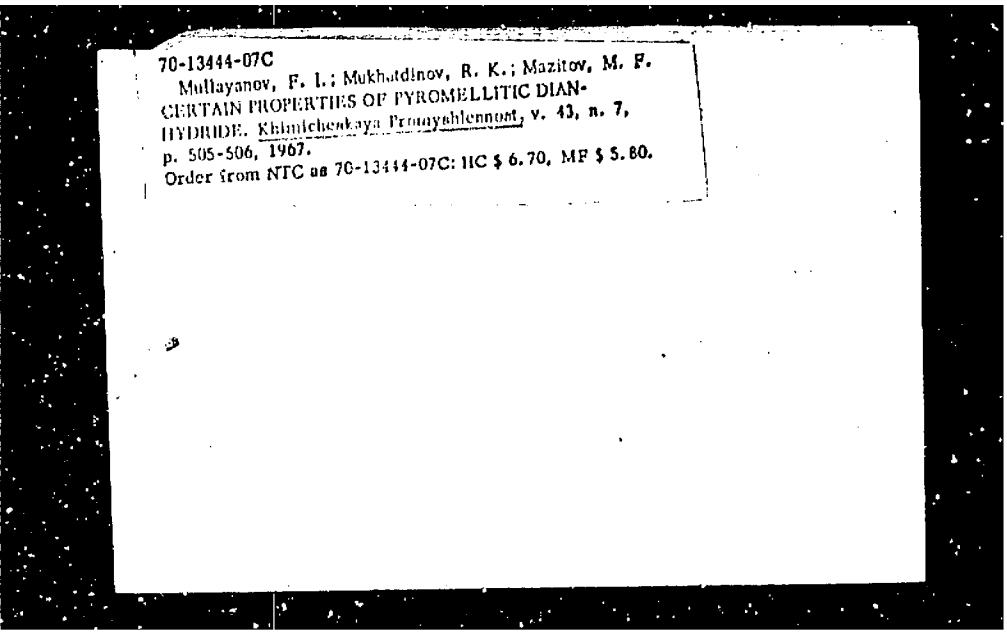
Some Hydrodynamic Features of Spouting-pulsating Process of Pseudo Liquefaction of Granular Materials in Conical Rigs, by A. V. Golubovich. RUSSIAN, per, Khim Prom, Vol 43, 1967, pp 526-530.
AAEC Lib/Trans 206

Sci-Chem
Dec 69

398,188

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



70-13444-07C
Mullayanov, F. I.; Mukhatdinov, R. K.; Mazitov, M. F.
CERTAIN PROPERTIES OF PYROMELLITIC DIANHYDRIDE. Khimicheskaya Promyshlennost, v. 43, n. 7, p. 505-506, 1967.
Order from NTC as 70-13444-07C: HC $ 6.70, MF $ 5.80.

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

E. K. Shigin

Criteria of Optimal Conditions for Controlling Formaldehyde Production
KHIMICHESKAYA PROMYSHLENNOST, No 7, 1967, pp 494-500
NTC-72-14673-07A

Jan 1973

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Synthesis of N-Alkylderivatives of P-Anisidine and P-Phenetidine, by L. A. Skripko.
RUSSIAN, per, Khim. Prom., Vol 43, No 5, 1967, pp 343-344.
NLL Ref: 5828.4F (12889)

Sci-Chem
Jan 69

373,575

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Oxidative Dehydrogenation of n-Butane Into Butadience in the Presence of Iodine and a Sodium Acceptor, by G. A. Stepanov, V. A. Kolobikhin.
RUSSIAN, per, Khim Prom, Vol 43, No 4, 1967, pp 260-262.
NTC 69-11325-69

Sci-Chem
July 69

386,997

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

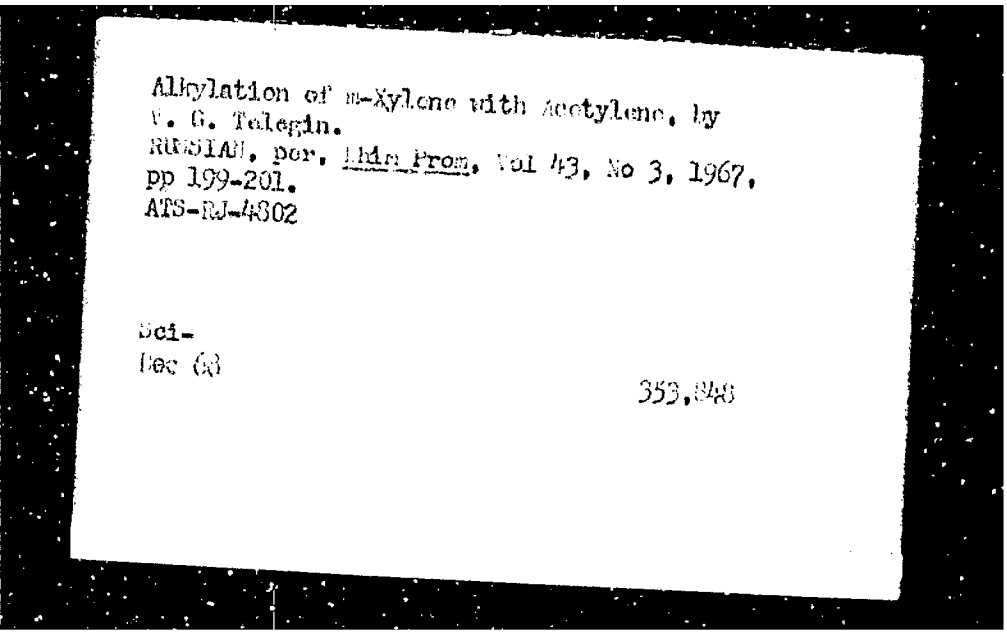
APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Solubility in the NH_4No_3-$NH_4H_2PO_4$-H_2O System, by S. D. Fridman. RUSSIAN, por, Khimicheskaya Promyshlennost, No 3, 1967, pp 206.
NTC 72-10919-07D

May 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0



Alkylation of m-Xylene with Acetylene, by
V. G. Telegin.
RUSSIAN, por, Khim Prom, Vol 43, No 3, 1967,
pp 199-201.
ATS-RJ-4802

Sci-
Dec (3)

353,848

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

The Chemical Industry of the German Democratic Republic, by B. M. Berezov, 9 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost', No 3, 1967, pp 74-77
DIA LN 335-67

Eeur-Germany
Econ
Nov 67

341822

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Absorption of Sulfur Dioxide by Ammonium Sulfite-Bisulfite Solution in a Venturi Scrubber, by B. P. Volgin.
RUSSIAN, per, Khim Prom, Vol 43, No 2, 1967, pp 132-136.
ATS RJ-4985

Sci-Phys
Feb 69

373,799

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Investigation of the Steady-State Characteristics of the Process for Obtaining 100% SO_2 from Ammonium Bisulfite, by L. S. Gordeev, B. A. Chertkov.
RUSSIAN, per, Khim Prom, Vol 43, No 2, 1967, pp 129-131.
ATS RJ-4986

Sci-Phys
Feb 69

373,800

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0

Equilibrium in the System Synthetic
Fatty Acids-Paraffin-Dimethyl
Formamide, by A. F. Frolov.
RUSSIAN, per, Khimicheskaya Promyshlennost,
No 2, 1967, pp 113-114.
NTC 72-11099-07A

May 72

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200700017-0